AUTODOC CLUB

How to change rear anti roll bar links on **BMW Z1 Roadster** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
BMW Z1 Roadster 2.5

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: BMW 3 Saloon (E36) 323i 2.5

REPLACEMENT: ANTI ROLL BAR LINKS – BMW Z1 ROADSTER. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Drive socket # 13
- Wheel impact socket #17
- Ratchet wrench
- Vice
- Hydraulic transmission jack
- Crow bar
- Wheel chock

Buy tools

AUTODOC recommends:

- Replace the stabiliser links on BMW Z1 Roadster in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- Please note: all work on the car – BMW Z1 Roadster – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



3 Raise the rear of the car and secure on supports.

4 Unscrew the wheel bolts.



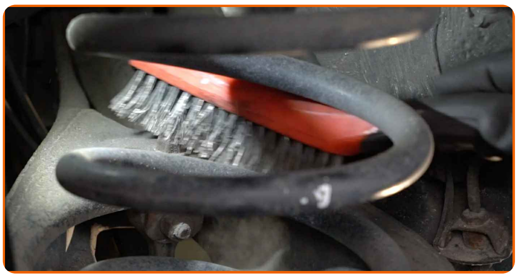
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. BMW Z1 Roadster

5 Remove the wheel.



6 Treat all joints of the stabiliser link. Use a wire brush. Use WD-40 spray.



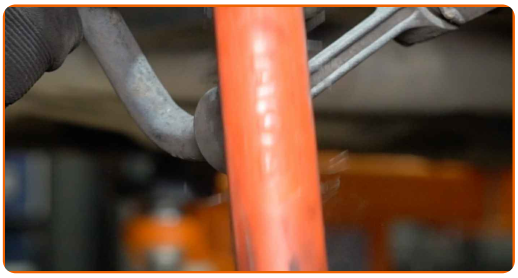
7 Unscrew the fastener connecting the stabilizer bar with the control arm. Use a drive socket #13. Use a ratchet wrench.



8 Move the stabiliser bar aside. Use a crowbar.



9 Clean all joints of the stabiliser link. Use a wire brush. Use WD-40 spray.



10 Remove the stabilizer rod.

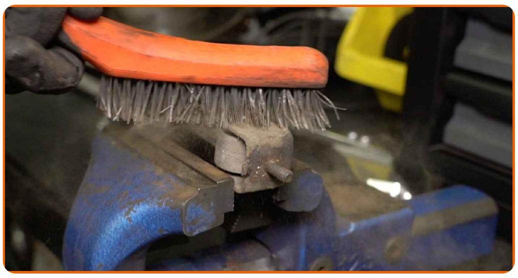


Replacement: anti roll bar links – BMW Z1 Roadster. AUTODOC recommends:

- Examine the stabiliser bushes. Replace them if necessary.

11 Grip the stabiliser link in a vice.

12 Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.



13 Unscrew the fastener of the stabiliser link bracket. Use a drive socket #13. Use a ratchet wrench.



14 Remove the fastening bolt.



15 Remove the stabiliser link bracket.



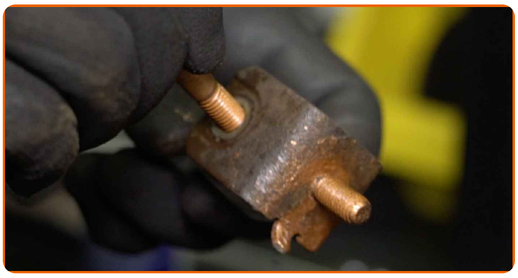
16 Release the vice and remove the stabiliser link.

17 Grip a new stabiliser link in a vice.

18 Install the stabiliser link bracket.



19 Install the fastening bolt.



20 Screw in the fastener of the stabiliser link bracket. Use a drive socket #13. Use a ratchet wrench.

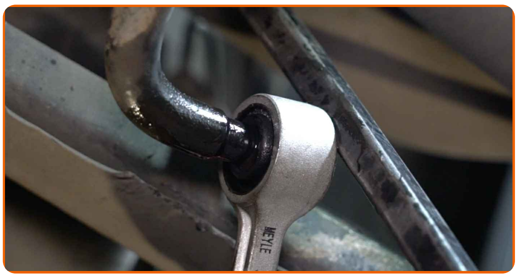


21 Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.



22 Release the vice and remove the stabiliser link.

23 Install the transverse stabilizer link. Use a crowbar.

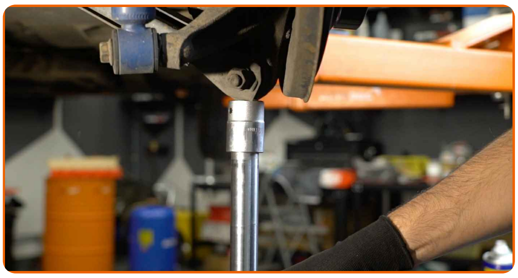


24 Reinstall the stabiliser bar in its mounting seat.

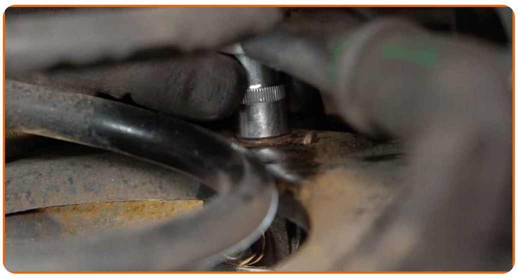
25 Screw in the fastener connecting the stabilizer bar to the control arm. Use a drive socket #13. Use a ratchet wrench.



26 Support the arm. Use a hydraulic transmission jack.



27 Tighten the fastener connecting the stabilizer bar with the control arm. Use a drive socket #13. Use a torque wrench. Tighten it to 27 Nm torque.



28 Tighten the fastener of the stabiliser link bracket. Use a combination spanner #13. Use a drive socket #13. Use a torque wrench. Tighten it to 25 Nm torque.

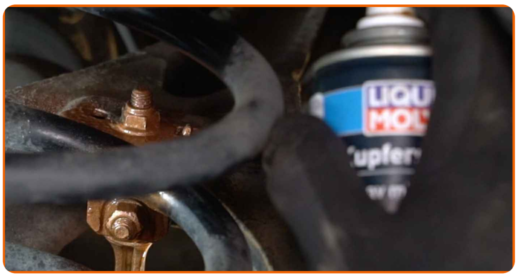


29 Remove the support from under the arm.

AUTODOC recommends:

- Replacement: anti roll bar links – BMW Z1 Roadster. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

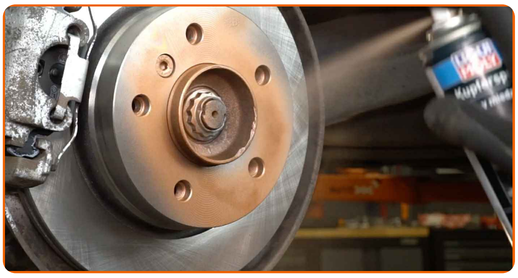
30 Treat all joints of the stabiliser link. Use copper grease.



31 Clean the wheel rim mounting seat. Use a wire brush.



32 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



33 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: anti roll bar links – BMW Z1 Roadster. After applying the spray, wait a few minutes.

34 Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. BMW Z1 Roadster

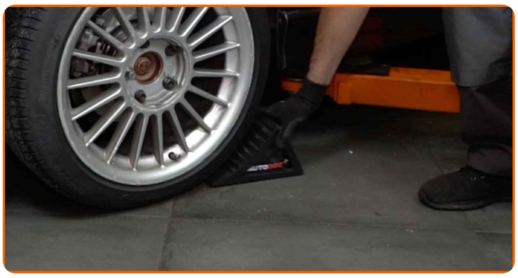
35 Screw in the wheel bolts. Use wheel impact socket #17.



36 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



37 Remove the jacks and chocks.

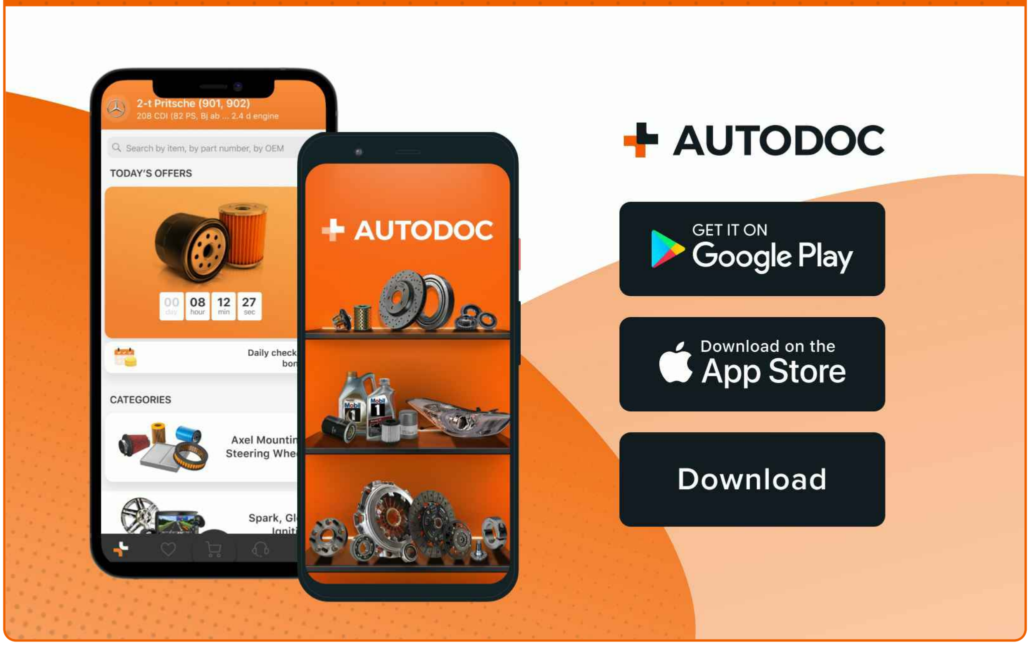


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ANTI ROLL BAR LINKS: A WIDE SELECTION

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